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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT Application of

Group Art Unit: 3746

BIRCH

Application No.: 10/072,990

Examiner: RODRIGUEZ, William H.

Filed: 2/12/02

For: GAS TURBINE ENGINE EXHAUST NOZZLE

* * * * May 21, 2004

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Attached is a modified substitute form for PTO 1449A and which lists the enclosed document. A concise statement for the degree of relevance is as follows:

AHRENS, Markus; "Structural Integration Of Shape Memory Alloys For Turbomachinery Applications" describes how turbomachinery efficiency could be increased via flow channel geometry adapted to the varying flow conditions and the use of shape memory alloys in turbomachinery.

Please accept this Information Disclosure Statement under Rule 1.97(c). In the event any fee is due, deficient or missing, please charge any deficiency to our Deposit Account No. 50-0687 under Order No. 84572 for which purposes this paper is submitted in duplicate.

Page 2

This information disclosure statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the herewith form with the Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

Respectfully submitted,

Manelli, Denison & Selter PLLC

By

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INFORMATION DISCLOSURE STATEMENT



Date: 5/19/04

Page

1 of

1

Atty.	M#	Client Ref.
WWT	84-572	2858 KAW
Applicant:	BIRCH	
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Examiner:	RODRIQUEZ, William H.	Group Art Unit: 3746

U.S. PATENT DOCUMENTS

Examiner's	Document	Date	Name	Class	SubClass	Filing
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					

FOREIGN PATENT DOCUMENTS

		Document Number	Date M/D/YY	Country	Inventor Name	Class	SubClass	English		Translation	
								Enclose	No	Enclosed	No
	IR										
	JR										
	KR										
	LR										
	MR										
	NR										
	OR										

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent)

	PR	Markus Ahrens, Structural Integration Of Shape Memory Alloys For Turbomachinery Applications, SPIE (Vol. 3674), March 1999				

Examiner

Date Considered:

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: 5/19/04

Page **1** of **1**

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